



Missouri Department of Health

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) August 2000
(through week 35 ending September 2, 2000)

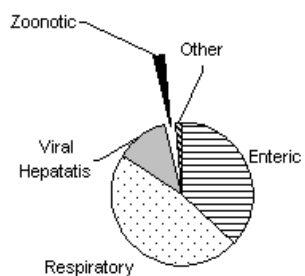
DATE: August 12, 2000

The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Resource Materials.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

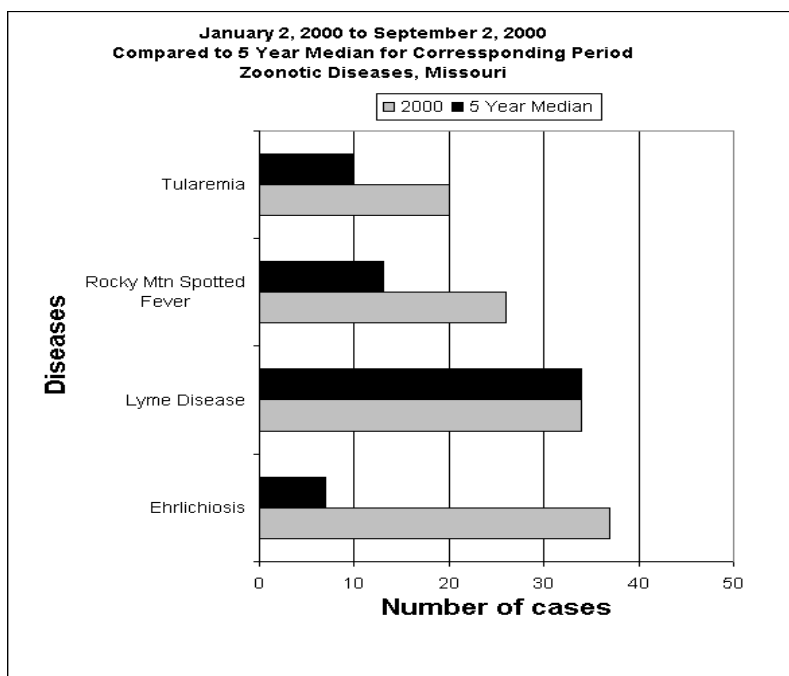
**Reported Diseases by Category
Missouri, Year-To-Date
January 2* - September 2, 2000**



Each month a different "slice of the pie" is described in the chart to the right.

*Reporting year 2000 began January 2, 2000.

See below for list of diseases in each category.



Reported Cases of Selected Diseases by Category

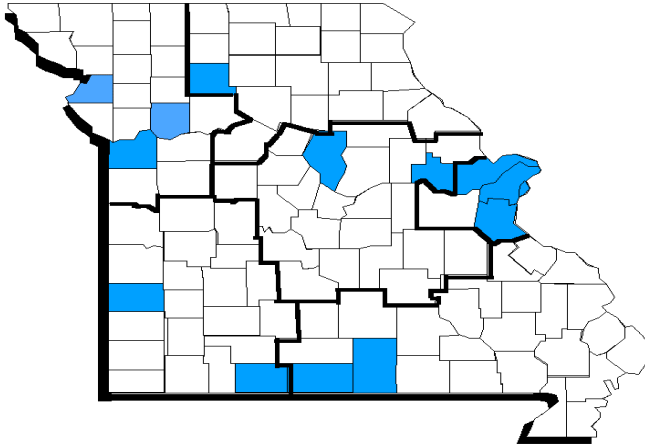
	2000 Aug	2000 YTD	1999 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, Aug 2000 by Health District							
						CD	ED	NE	NW	SE	SW	Unk	
Enteric Diseases													
Campylobacteriosis	73	397	389	364	+	9.07%	19	15	2	20	3	13	1
Cryptosporidiosis	5	18	16	16	+	12.50%	1	2	1	0	1	0	
E. coli O157:H7 #	16	79	26	29	+	172.41%	1	7	0	5	0	3	
Giardiasis	89	471	426	366	+	28.69%	13	46	1	16	4	8	1
Listeria monocytogenes	0	3	10	7	-	133.33%	0	0	0	0	0	0	
Salmonellosis	78	461	461	353	+	30.59%	16	33	3	14	6	4	2
Shigellosis	70	472	525	218	+	116.51%	1	24	0	36	5	2	2
Yersinia enterocolitica	2	10	8	8	+	25.00%	0	1	0	1	0	0	
Respiratory													
Influenza (Lab Confirmed)	0	2414	936	198	+	1119.19%	0	0	0	0	0	0	
Legionellosis	3	23	15	7	+	228.57%	0	2	0	1	0	0	
Viral Hepatitis													
Hepatitis A	11	278	301	577	-	107.55%	0	2	0	5	0	3	1
Hepatitis B	10	351	103	160	+	119.38%	1	5	0	1	0	2	1
Hepatitis C (Acute)	*												
Hepatitis C (Non-Acute)	*												
Zoonotic													
Ehrlichiosis	11	37	17	7	+	428.57%	4	3	2	0	0	2	
Lyme Disease	0	34	50	34		0.00%	0	0	0	0	0	0	
Rocky Mtn Spotted Fever	2	26	13	13	+	100.00%	1	0	1	0	0	0	
Tularemia	4	20	12	10	+	100.00%	3	0	0	1	0	0	
Other													
HIB Disease	3	12	5	6	+	100.00%	0	1	0	1	0	1	
Malaria	0	6	11	8	-	33.33%	0	0	0	0	0	0	
Meningococcal Disease	5	61	61	49	+	24.49%	0	3	0	1	0	0	1
*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B. Numbers to follow in future reports.													
Reportable diseases of very low incidence (<10 cases in previous year) are not included.													
#Increase in E.coli H7:O157 was due to an outbreak in Eastern District in January.													
~not divisible by zero													

1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

The after hours emergency number for the Missouri Department of Health is (573) 751-4674.

Confirmed Animal Rabies in Missouri
By Health District
January 2 - September 2, 2000



Confirmed Rabies in Animals

Species	August		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	66	0	469	0
Cat	103	0	532	0
Bat	334	5	785	30
Skunk	8	2	45	4
Fox	1	0	9	0
Cow	1	0	13	1
Horse	4	0	10	0
Ferret	1	0	9	0
Raccoon	13	0	123	0

Rodent/Rabbit	13	0	126	0
Other Domestic	1	0	6	0
Other Wild	5	0	20	0
Total				

**Counties Under Rabies Alert: Barton, Boone, Buchanan
and Howell Counties.**

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2000	1999*	August 2000 by Health District					
	Aug	Aug	CD	ED	NE	NW	SE	SW
Animal Bites	331	171	24	22	12	187	50	36
Eye Redness w/drainage	607	273	92	45	55	102	227	86
Gastro Intestinal illnesses								
Diarrhea and/or vomiting	2,275	1,269	447	234	86	429	731	348
Other	234	62	8	4	13	110	66	33
Respiratory Illness								
Flu-like illness	1,148	966	223	0	54	373	347	151
Pneumonia	544	247	68	69	37	122	165	83
Other-URI	1,426	300	124	82	45	82	840	253
Strep	549	209	86	137	11	150	103	62
Mono	22	7	2	0	2	3	15	0
Rash Illnesses								
Chickenpox (varicella)	86	52	28	6	4	5	37	6
Shingles - (varicella zoster)	43	24	12	1	7	9	9	5
Fifth Disease	10	5	2	1	1	3	2	1
Hand, Foot & Mouth Disease	115	70	15	14	3	29	49	5
Other	345	56	44	98	21	75	76	31
Hepatitis								
Hepatitis A	14	11	0	0	0	12	0	2
Hepatitis B	11	2	0	0	0	3	2	6
Hepatitis C	76	28	8	0	1	37	13	17
Infestations								
Pediculosis	1,722	800	270	27	31	120	990	284
Scabies	77	46	9	3	4	20	19	22
Other	29	29	0	0	4	3	19	3
Central nervous system illnesses								
Encephalitis	1	0	0	0	0	0	1	0
Meningitis	35	25	4	4	0	15	5	7
Hypothermia	2	6	0	0	0	0	2	0
Hyperthermia	297	111	15	14	0	176	43	49
Other	15	2	0	0	2	1	8	4
*Does not include numbers for Eastern District								